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PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

8021-76 (SS-15501-US) Attorney Docket No. Young-wan KIM First Inventor Error Detecting Circuit For Detecting..... EL922711965US) Express Mail Label No.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS				Assistant Commissioner for Patents ADDRESS TO: Box Patent Application						
See MPEP chapter 600 concerning utility patent application contents.			ts.	Washington, DC 20231						
Fee Transmittal For	al Form (e.g., PTO/SB/17)			7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)						
1. (Submit an original and a du Applicant claims sm See 37 CFR 1.27.					computer Program eotide and/or Amino Ad pplicable, all necessary	id Sequen	ce Su	bmission		
Specification	[Total P	Pages 21]		`	Computer Readabl		RF)			
3. (preferred arrangement s - Descriptive title of	set forth below) of the invention			b. Specification Sequence Listing on:						
 Cross Reference 	to Related App	plications		i. CD-ROM or CD-R (2 copies); or						
- Statement Regar - Reference to seq	rding Fed spon	sored R & D				05 11 (2)	JOB.00	,,		
or a computer pr	ogram listing a	ppendix		i i paper						
- Background of the Brief Summary of	ne Invention			c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS						
- Brief Description	of the Drawing	gs (if filed)								
- Detailed Descrip	tion			9. X	Assignment Papers		eet & (
 Claim(s) Abstract of the E 	Disclosure			10.	37 CFR 3.73(b) Sta (when there is an a					
N D	C	Total Sheets 2	1	11.	English Translation		nt (if ap	oplicable)		
4. X Drawing(s) (35 U. 5. Oath or Declaration		Total Pages 2	1	12.	Information Disclos			Copies of IDS Citations		
☑	•		•	13.	Preliminary Amend					
a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed)			ı	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
DELETION OF INVENTOR(S)				[] a 12 10 (D) 1/2 Daywood(a)						
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
6. Application Data	Sheet. See 37	CFR 1.76		17. Checks for \$740.00 and \$40.00						
18. If a CONTINUING APPLIC	CATION, check	k appropriate box, and	supply ti	he requi	isite information below	and in a p	relimir	ary amendment,		
or in an Application Data She	et under 37 CF	FR 1.76:								
Continuation	Divisional	Continuation-in-part (CIP)	ol	f prior application No.:					
Prior application information: For CONTINUATION OR DIVISION	Examiner_	The entire displacure	of the pr	ior annli	Group Art Unit:		ration	is supplied under		
The Character and a north of	the disclosure	of the accompanying co	ntinuatio	n or aivi	isional application and r	Sileieby III	cutput	ated by reference.		
The incorporation can only be	relied upon whe	en a portion has been in: 19. CORRESPO	advertent	ly omitte	o from the submitted at	plication p	arts.			
		19. CORRESPO	NUENC	E AUD	KE33					
Customer Number or Bar Co	ode Label	(Insert Customer No. or Att	ach bar cod	le låbel he	or	Correspond	dence ad	idress below		
Name	F. Chau 8	& Associates, LLP								
	1900 Hem	npstead Turnpike								
Address	Suite 501									
City	East Mea			State New York		Zip Code		11554		
Country			Teleph	one	(516) 357-0091	Fa	X	(516) 357-009		
	Gasnaro	J. Randazzo		Regi	istration No. (Attorne	v/Agent)	41,5	528		
Name (Print/Type)	 			1 ,			1.1	/ 0 / >		
Signature	Land	av I. Pano				Date		/4/01		

Burden Hour Statement: This form is estimated to take 8.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (11-01)
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Complete if Known **FEE TRANSMITTAL** Application Number November 9, 2001 Filing Date for FY 2002 Young-wan KIM First Named Inventor Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Group Art Unit TOTAL AMOUNT OF PAYMENT 8021-76 (SS-15501-US) (\$) 780.00 Attorney Docket No.

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check	3. ADDITIONAL FEES				_	
Order	Large Entity Small Entity					
Deposit Account:	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Account 50-0679	105	le (\$) 130	205	e (\$) 65	Surcharge - late filing fee or oath	
Number Deposit F. CHAU & ASSOCIATES, LLP	1		1		-	
Account Name	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	139	130	139	130	Non-English specification	
Charge fee(s) indicated below X Credit any overpayments	147	2,520	147	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	112	920*	112	920*	Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filling fee to the above identified deposit account.	1,,,	4 040	112	1 040*	Examiner action	
FEE CALCULATION	1 113	1,840*	113	1,040	Requesting publication of SIR after Examiner action	
1. BASIC FILING FEE	115	110	215	55	Extension for reply within first month	
Large Entity Small Entity	116	400	216	200	Extension for reply within second month	
Fee Fee Fee Fee Description	117	920	217	460	Extension for reply within third month	
Code (4)	118	1,440	218	720	Extension for reply within fourth month	
101 740 201 370 Ottlifty filling fee 740.00	128	1,960	228	980	Extension for reply within fifth month	
107 510 207 255 Plant filing fee	119	320	219	160	Notice of Appeal	
108 740 208 370 Reissue filing fee	120	320	220	160	Filing a brief in support of an appeal	
114 160 214 80 Provisional filing fee	121	280	221	140	Request for oral hearing	
CURTOTAL (4) (6) 740 00	138	1,510	138	1,510	Petition to institute a public use proceeding	<u> </u>
SUBTOTAL (1) (\$) 740.00	140	110	240	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSU	E 14	1,280	241	640	Petition to revive - unintentional	
Ext <u>ra Claims below</u> Fee Pai	7	1,280	242	640	Utility issue fee (or reissue)	
Total Claims 19 -20** = 0 x 18.00 = 0	14:		243		Design issue fee	
Claims 2 - 3 - 0	14		244		Plant issue fee	7
Multiple Dependent 280.00 = 0	J 12:		122		Petitions to the Commissioner	
Laura Entitle Court Entitle	12:		123		Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	12		126		Submission of Information Disclosure Stmt	\vdash
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	58	1 40	581	40	Recording each patent assignment per property (times number of properties)	40.00
102 84 202 42 Independent claims in excess of 3	14	740	246	370	Filing a submission after final rejection	
104 280 204 140 Multiple dependent claim, if not paid		740	240	270	(37 CFR § 1.129(a))	
109 84 209 42 ** Reissue independent claims over original patent	14	9 740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
110 18 210 9 ** Reissue claims in excess of 20	17	9 740	279	370	Request for Continued Examination (RCE)	
and over original patent	16	9 900	169	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0			specif	y)	-	<u>L</u>
**or number previously paid, if greater; For Reissues, see above	*R	educed	by Ba	sic Filin	ng Fee Paid SUBTOTAL (3)	40.00

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SUBMITTED BY	Complete (if	Complete (if applicable)			
Name (PrintlType)	Gaspare J. Randazzo	Registration No. (Attorney/Agent)	41,528	Telephone	516-357-0091
Signature	Spran S. Cand			Date	11/9/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Atty. Docket No. <u>8021-76 (SS-15501-US)</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:	
Transmitted he	rewith for filing is the patent application of
Inventor(s):	Young-wan KIM
For:	ERROR DETECTING CIRCUIT FOR DETECTING THE LOCATION OF ERROR
Enclosed are:	
[X] <u>13</u>	page(s) of specification
[X] <u>1</u>	page(s) of Abstract
[X]7	page(s) of claims
[X] <u>2</u>	sheets of drawings [X] formal [] informal
[X] <u>2</u>	page(s) of Declaration and Power of Attorney
[X] An Assignm	ent of the invention to: <u>Samsung Electronics Co., Ltd.</u>
referred to as er	CERTIFICATION UNDER 37 C.F.R. § 1.10 that this New Application Transmittal and the documents aclosed therein are being deposited with the United States this date November 9, 2001 in an envelope as "Express Mail

Gaspare J. Randazzo
(Type or print name of person mailing paper)

(Signature of person mailing paper)

Post Office to Addressee" Mail Label Number <u>EL922711965US</u> addressed to:

Assistant Commissioner for Patents, Washington, D.C. 20231.

[]	This applicati §119(e) of U.S	on claims . Provisi	the bene onal Appl	efit und Lication	ler 35 U.:	S.C.).:	•
	APPLICATION NO)(S).:		FILI	NG DATE		
	_/						
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[X] (Certified copy	of applic	ations				
Count	ry	Appln. No		<u>Fil</u> €	<u>ed</u>		
<u>Korea</u>	<u>a</u>	2001-1035	5	28 I	ebruary	200	1
from is claimed	which priority	y under Ti	tle 35 U	nited St	tates Cod	.e,	§ 119
	[X] is enclose	ed.					
	[] will follo	ow.					
[]	The fees to be claims remain Preliminary A	ing as a r	are to b	e based the at	on the n tached	umb	er of
	CALCULATIO	N OF UTIL	ITY APPL	<u> CATION</u>	FEE		
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Independe	nt					٠	
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Multiple	[] yes	Add'l. E	Fee \$	280.00		Ş	
Dependent Claims	[x] no	Add'l. E	ee <u>N</u>	one	=	\$	
					TOTAL	\$ 7	740.00
C.F.	icant claims S R. § 1.27. Re of total) pai	duced fees	s under 3	7 C.F.R	37 . § 1.9(:	E)	

*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

- [X] A check in the amount of \$40.00 is enclosed for recording the attached Assignment.
- [X] A check in the amount of \$740.00 to cover the filing fee is attached.
- [] Charge fee to Deposit Account No. 50-0679. Order No. 50-0679. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: 1/9/01

Gaspare J. Randazzo Reg. No. 41,528

F. CHAU & ASSOCIATES, LLP 1900 Hempstead Turnpike Suite 501 East Meadow, New York 11554 Tel. No. (516) 357-0091 Fax. (516) 357-0092

FC/GJR:mel